In the Claims:

1. (Currently Amended) An electrochemical cell comprising an anode electrode and a cathode electrode housed inside a casing and activated with an electrolyte, wherein one of the anode electrode and the cathode electrode is connected to a terminal lead insulated from the casing by a glass-to-metal seal, the improvement is the glass-to-metal seal comprising:

the glass-to-metal seal having an insulating glass extending between and sealed to a support portion of the casing and the terminal lead, wherein the insulating glass has a first coefficient of thermal expansion that ranges from about 6.3 x 10^{-6}/°C to about 6.5 x 10^{-6}/°C, ~~which is less than a second coefficient of thermal expansion of~~ the terminal lead ~~and wherein the~~ has a second coefficient of thermal expansion that ranges from about 9.4 x 10^{-6}/°C to about 11.7 x 10^{-6}/°C ~~is less than or substantially similar to a third coefficient of thermal expansion of~~ and the casing support portion has a third coefficient of thermal expansion that ranges from about 9.5 x 10^{-6}/°C to about 19 x 10^{-6}/°C.

2. and 3. (Canceled)

4. (Original) The electrochemical cell of claim 1 wherein second coefficient of thermal expansion and the third coefficient of thermal expansion differ by less than about 2.0 x 10^{-6}/°C.

5. (Original) The electrochemical cell of claim 1 wherein the second coefficient of thermal expansion and the third coefficient of thermal expansion differ by more than about 2.0 x 10^{-6}/°C.

6. and 7. (Canceled)

8. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 11.7 x 10^{-6}/°C and the third coefficient of thermal expansion is about 19 x 10^{-6}/°C.

9. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.4 x 10^{-6}/°C and the third coefficient of thermal expansion is about 19 x 10^{-6}/°C.

10. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.7 x 10^{-6}/°C and the third coefficient of thermal expansion is about 19 x 10^{-6}/°C.

11. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.5 x 10^{-6}/°C and the third coefficient of thermal expansion is about 19 x 10^{-6}/°C.

12. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 10.8 x 10^{-6}/°C and the third coefficient of thermal expansion is about 19 x 10^{-6}/°C.

13. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.3 x 10^{-6}/°C, the second coefficient of thermal expansion is about 11.7 x 10^{-6}/°C and the third coefficient of thermal expansion is about 19 x 10^{-6}/°C.

14. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.3 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.4 x 10^{-6}/°C and the third coefficient of thermal expansion is about 19 x 10^{-6}/°C.

15. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.3 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.7 x 10^{-6}/°C and the third coefficient of thermal expansion is about 19 x 10^{-6}/°C.

16. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.3 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.5 x 10^{-6}/°C and the third coefficient of thermal expansion is about 19 x 10^{-6}/°C.

17. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.3 x 10^{-6}/°C, the second coefficient of thermal expansion is about 10.8 x 10^{-6}/°C and the third coefficient of thermal expansion is about 19 x 10^{-6}/°C.

18. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.7 x 10^{-6}/°C and the third coefficient of thermal expansion is about 9.7 x 10^{-6}/°C.

19. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.5 x 10^{-6}/°C and the third coefficient of thermal expansion is about 9.7 x 10^{-6}/°C.

20. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 10.8 x 10^{-6}/°C and the third coefficient of thermal expansion is about 9.7 x 10^{-6}/°C.

21. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.7 x 10^{-6}/°C and the third coefficient of thermal expansion is about 9.5 x 10^{-6}/°C.

22. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.5 x 10^{-6}/°C and the third coefficient of thermal expansion is about 9.5 x 10^{-6}/°C.

23. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 10.8 x 10^{-6}/°C and the third coefficient of thermal expansion is about 9.5 x 10^{-6}/°C.

24. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.7 x 10^{-6}/°C and the third coefficient of thermal expansion is about 10.8 x 10^{-6}/°C.

25. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 9.5 x 10^{-6}/°C and the third coefficient of thermal expansion is about 10.8 x 10^{-6}/°C.

26. (Original) The electrochemical cell of claim 1 wherein the first coefficient of thermal expansion is about 6.5 x 10^{-6}/°C, the second coefficient of thermal expansion is about 10.8 x 10^{-6}/°C and the third coefficient of thermal expansion is about 10.8 x 10^{-6}/°C.

27. (Currently Amended) A glass-to-metal seal, which comprises:

a) an insulating glass;

b) a terminal lead; and

c) a support, wherein the insulating glass extends between and seals to the terminal lead and the support surrounding the insulating glass, and wherein the insulating glass has a first coefficient of thermal expansion that ranges from about 6.3 x 10^{-6}/°C to about 6.5 x 10^{-6}/°C, ~~which is less than a second coefficient of thermal expansion of~~ the terminal lead ~~and wherein the~~ has a second coefficient of thermal expansion that ranges from about 9.4 x 10^{-6}/°C to about 11.7 x 10^{-6}/°C ~~is less than or substantially similar to a third coefficient of thermal expansion of~~ and the support has a third coefficient of thermal expansion that ranges from about 9.5 x 10^{-6}/°C to about 19 x 10^{-6}/°C.

28. and 29. (Canceled)

30. (Original) The glass-to-metal seal of claim 27 wherein second coefficient of thermal expansion and the third coefficient of thermal expansion differ by less than about 2.0 x 10^{-6}/°C.

31. (Original) The glass-to-metal seal of claim 27 wherein the second coefficient of thermal expansion and the third coefficient of thermal expansion differ by more than about 2.0 x 10^{-6}/°C.

32. (Currently Amended) A method for providing an electrochemical cell comprising the steps of:

a) providing an anode electrode and a cathode electrode in electrical association with each other housed inside a casing and activated with an electrolyte;

b) connecting one of the anode electrode and the cathode electrode to a terminal lead;

c) connecting the other of the anode electrode and the cathode electrode to the casing;

d) electrically segregating the terminal lead from the casing by the provision of an insulating glass extending between and sealing to the casing and the terminal lead, wherein the insulating glass has a first coefficient of thermal expansion that ranges from about 6.3 x 10^{-6}/°C to about 6.5 x 10^{-6}/°C, ~~which is less than a second coefficient of thermal expansion of~~ the terminal lead ~~and wherein the~~ has a second coefficient of thermal expansion that ranges from about 9.4 x 10^{-6}/°C to about 11.7 x 10^{-6}/°C ~~is less than or substantially similar to a third coefficient of thermal expansion of~~ and the casing has a third coefficient of thermal expansion that ranges from about 9.5 x 10^{-6}/°C to

about 19 x 10^{-6}/°C.

33. and 34. (Canceled)

35. (Original) The method of claim 32 including providing the second coefficient of thermal expansion and the third coefficient of thermal expansion differing by less than about 2.0 x 10^{-6}/°C.

36. (Original) The method of claim 32 including providing the second coefficient of thermal expansion and the third coefficient of thermal expansion differing by more than about 2.0 x 10^{-6}/°C.

37. (New) The electrochemical cell of claim 1 of either a primary or a secondary chemistry.

38. (New) The electrochemical cell of claim 1 of a primary chemistry having the anode electrode of an alkali metal and the cathode electrode of a cathode active material selected from the group consisting of a carbonaceous material, a fluorinated carbon, a metal, a metal oxide, a mixed metal oxide, a metal sulfide, and mixtures thereof.

39. (New) The electrochemical cell of claim 1 of a secondary chemistry having the anode electrode of carbon or graphite and the cathode electrode of a cathode active material selected from the group consisting of $LiNiO_2$, $LiMn_2O_4$, $LiCoO_2$, $LiCo_{0.92}Sn_{0.08}O_2$ and $LiCo_{1-x}Ni_xO_2$.

40. (New) The electrochemical cell of claim 1 wherein the casing is selected from the group consisting of titanium, stainless steel, mild steel, nickel-plated mild steel, and aluminum.